Performance Data Sheet

AED2413ZFZ

General Information

Model	AED2413ZFZ	**Refrigerant**	R-404A
Test Condition	EN12900 ASERCOM	**Performance Test Voltage**	230V ~ 50HZ
Return Gas	20°C (68°F) RETURN GAS	**Motor Type**	CSIR

Performance Information

Evap Temp (°C)		Condensing Temperature (°C)			
		30	40	50	60
-40	Watts (Capacity)	203	126	50.8	
	Watts (Power)	241	222	186	133
	Amps	1.57	1.49	1.37	1.19
-35	Watts (Capacity)	302	216	130	48.2
	Watts (Power)	281	273	249	210
	Amps	1.67	1.64	1.55	1.42
-30	Watts (Capacity)	419	319	220	124
	Watts (Power)	318	321	310	283
	Amps	1.78	1.79	1.74	1.65
-25	Watts (Capacity)	555	440	323	209
	Watts (Power)	352	367	367	353
	Amps	1.89	1.94	1.94	1.90
-23.3	Watts (Capacity)	607	485	362	240
	Watts (Power)	363	382	386	376
	Amps	1.93	2.00	2.01	1.98
-20	Watts (Capacity)	714	579	441	306
	Watts (Power)	385	410	422	421
	Amps	2.01	2.11	2.15	2.15
-15	Watts (Capacity)	897	738	576	416
	Watts (Power)	416	453	476	488
	Amps	2.14	2.28	2.36	2.40
-10	Watts (Capacity)	1110	920	731	541
	Watts (Power)	447	495	530	554
	Amps	2.27	2.45	2.58	2.66

COEFFICIENTS	CAPACITY	POWER	CURRENT	MASS FLOW
C1	2.301054E+03	2.444201E+02	1.474582E+00	
C2	7.721965E+01	1.586869E+00	4.186562E-03	
C3	-2.074240E+01	1.054583E+01	4.349818E-02	
C4	8.536690E-01	5.320504E-02	1.331539E-04	
C5	-6.646406E-01	1.534605E-01	8.607637E-04	
C6	-9.251594E-02	-5.338862E-02	-2.431299E-04	
C7	2.670771E-03	1.116462E-03	0.000000E+00	
C8	-7.057945E-03	-1.690088E-04	0.000000E+00	
C9	-7.582985E-04	8.487574E-04	0.000000E+00	
C10	5.723577E-04	2.112246E-05	0.000000E+00	

Value = C1 + C2 * Te + C4 * Te^2 + C7 * Te^3 + (C3 + C5 * Te + C8 * Te^2) * Tc + (C6 + C9 * Te) * Tc^2 + C10 * Tc^3

Te = Evaporator Temperature

Tc = Condensing Temperature